

# Product Datasheet

## Fumarase Antibody - BSA Free NBP1-89814

Unit Size: 0.1 ml

Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.

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**NBP1-89814**

Fumarase Antibody - BSA Free

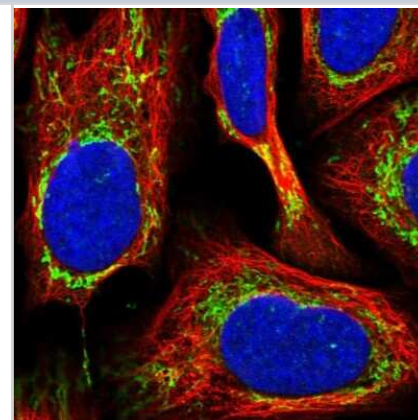
Product Information	
Unit Size	0.1 ml
Concentration	Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.02% Sodium Azide
Isotype	IgG
Purity	Immunogen affinity purified
Buffer	PBS (pH 7.2) and 40% Glycerol

Product Description	
Description	Novus Biologicals Rabbit Fumarase Antibody - BSA Free (NBP1-89814) is a polyclonal antibody validated for use in IHC, WB and ICC/IF. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Rabbit
Gene ID	2271
Gene Symbol	FH
Species	Human, Mouse, Rat
Immunogen	This antibody was developed against Recombinant Protein corresponding to amino acids: DASVSFTENCVVGIQANTERINKLMNESLMLVTALNPHIGYDKAAKIAKTAHKNG STLKETAIELGYLTAEQFDEWVKPK

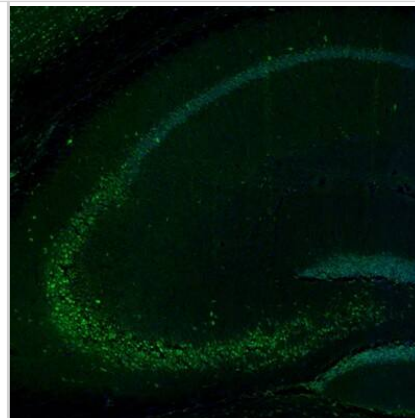
Product Application Details	
Applications	Western Blot, Immunohistochemistry-Paraffin, Immunocytochemistry/Immunofluorescence, Immunohistochemistry
Recommended Dilutions	Western Blot 1.0 ug/ml, Immunohistochemistry 1:500 - 1:1000, Immunocytochemistry/ Immunofluorescence 0.25-2 ug/ml, Immunohistochemistry-Paraffin 1:500 - 1:1000
Application Notes	For IHC-Paraffin, HIER pH 6 retrieval is recommended. Immunocytochemistry/Immunofluorescence Fixation Permeabilization: Use PFA/Triton X-100.

**Images**

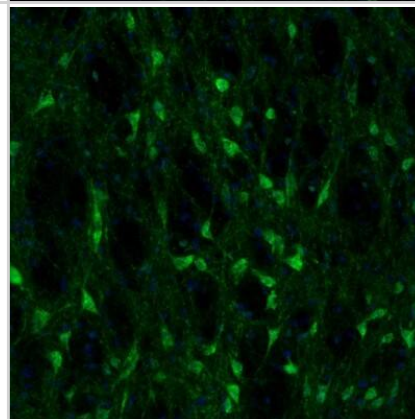
Immunocytochemistry/Immunofluorescence: Fumarase Antibody [NBP1-89814] - Immunofluorescent staining of human cell line U-2 OS shows localization to mitochondria.



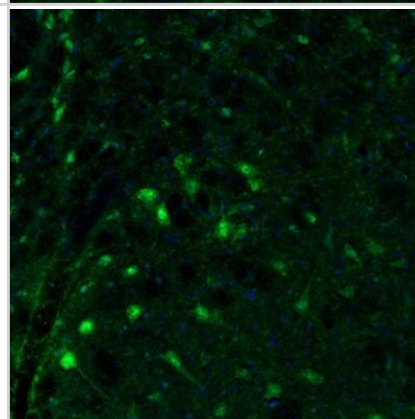
Immunohistochemistry: Fumarase Antibody [NBP1-89814] - Staining of mouse hippocampus shows neuronal immunoreactivity in the CA3 layer.



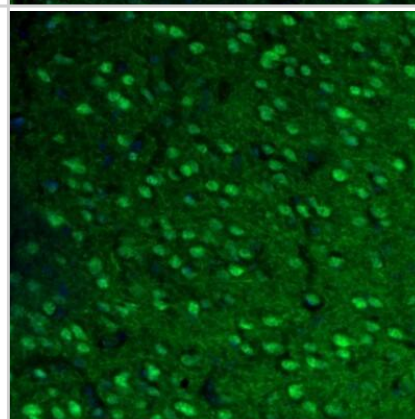
Immunohistochemistry: Fumarase Antibody [NBP1-89814] - Staining of mouse globus pallidus shows immunoreactivity in neurons.



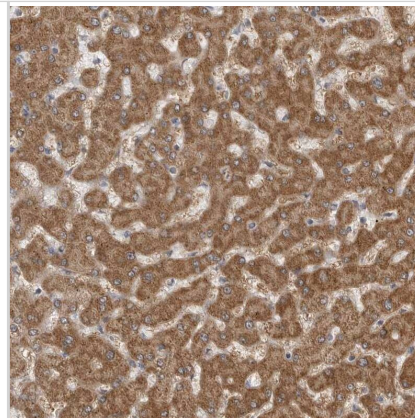
Immunohistochemistry: Fumarase Antibody [NBP1-89814] - Staining of mouse medulla shows positivity in the neurons of the facial nucleus.



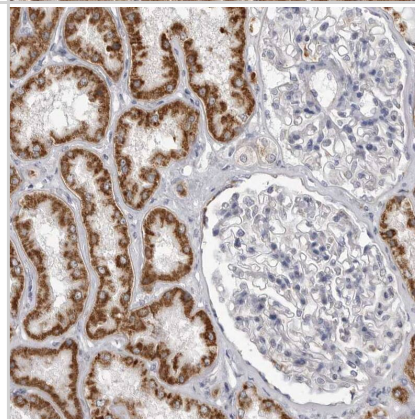
Immunohistochemistry: Fumarase Antibody [NBP1-89814] - Staining of mouse olfactory bulb shows neuronal positivity in the anterior olfactory nucleus.



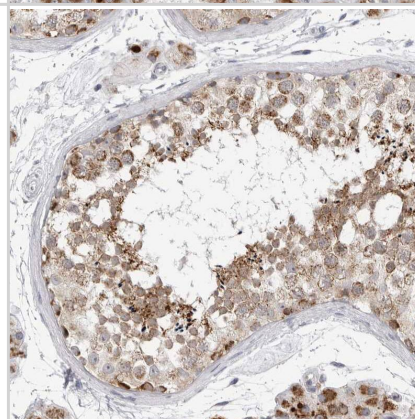
Immunohistochemistry: Fumarase Antibody [NBP1-89814] - Staining of human liver shows strong granular cytoplasmic positivity in hepatocytes.



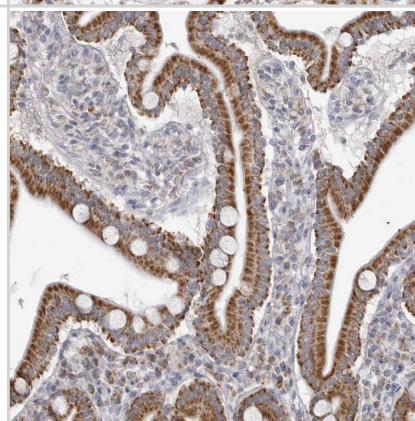
Immunohistochemistry: Fumarase Antibody [NBP1-89814] - Staining of human kidney shows strong granular cytoplasmic positivity in cells in tubules.



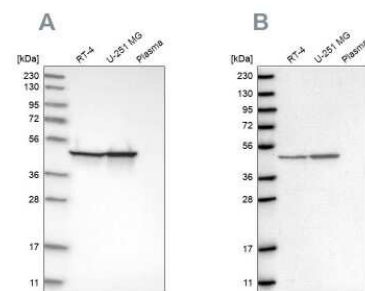
Immunohistochemistry: Fumarase Antibody [NBP1-89814] - Staining of human testis shows moderate granular cytoplasmic positivity in cells in seminiferous ducts.



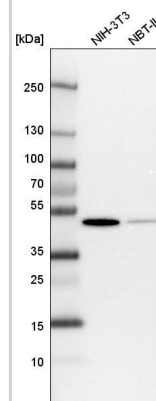
Immunohistochemistry: Fumarase Antibody [NBP1-89814] - Staining of human duodenum shows strong granular cytoplasmic positivity in glandular cells.



Western Blot: Fumarase Antibody [NBP1-89814] - Analysis using Anti-FH antibody NBP1-89814 (A) shows similar pattern to independent antibody NBP1-89813 (B).



Analysis in mouse cell line NIH-3T3 and rat cell line NBT-II.







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### **Products Related to NBP1-89814**

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NBP1-89814PEP	Fumarase Recombinant Protein Antigen
HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-24891	Rabbit IgG Isotype Control

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### **Limitations**

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

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